

CLAIMS

1. A compact automatic motion control photographing device comprising:
 - a camera fastening device supported rotatably to at least a single direction;
 - a servo motor for producing a driving force for rotating the camera fastening device; and
 - a driving force transmitting mechanism for transmitting the driving force produced by the servo motor to the camera fastening device, wherein:
 - the camera fastening device is rotated towards a single direction and is stopped every time the camera fastening device has rotated by a predetermined quantity of rotation, so as to perform photographing using a camera fastened to the camera fastening device.
2. A compact automatic motion control photographing device as claimed in claim 1, wherein the driving force transmitting mechanism is coupled with a timing belt.
3. A compact automatic motion control photographing device comprising:
 - a camera fastening device which is rotatably supported;
 - a servo motor for producing a driving force for rotating the camera fastening device; and
 - a control unit for:
 - measuring a direction and a quantity of rotation from a reference position of a driving shaft of the servo motor when a power source is supplied to the servo motor, based on measured results of a rotational quantity measuring device, and
 - rotating the driving shaft so as to make the driving shaft return to the

reference position, in accordance with the measured direction and quantity of rotation..